

2008_Sequence_Listing_20747_280.txt
SEQUENCE LISTING

<110> KELLY, Rodney William
<120> COMPOSITIONS AND METHODS OF THERAPY
<130> 20747/280
<140> 10/532,291
<141> 2003-10-21
<150> PCT/GB2003/004537
<151> 2003-10-21
<150> GB0224415.0
<151> 2002-10-21
<160> 53
<170> PatentIn version 3.1
<210> 1
<211> 756
<212> DNA
<213> Homo sapiens
<400> 1
gctggaggat gtggctgcag agcctgctgc tcttgggcac tgtggcctgc agcatctctg 60
caccgcccg ctcgccagc cccagcacgc agccctggga gcatgtgaat gccatccagg 120
aggcccgcg tctcctgaac ctgagtagag acactgtgc tgagatgaat gaaacagtag 180
aagtcatctc agaaatgttt gacctccagg agccgacctg cctacagacc cgctgggagc 240
tgtacaagca gggcctgcgg ggcagcctca ccaagctcaa gggccccttg accatgatgg 300
ccagccacta caagcagcac tgccctccaa ccccggaac ttcctgtgca acccagatta 360
tcacctttga agtttcaaa gagaacctga aggactttct gcttgtcatc ccctttgact 420
gctgggagcc agtccaggag tgagaccggc cagatgaggc tggccaagcc ggggagctgc 480
tctctcatga aacaagagct agaaactcag gatggtcatc ttggagggac caaggggtgg 540
gccacagcca tgggtgggagt ggcctggacc tgccctgggc cacactgacc ctgatacagg 600
catggcagaa gaatgggaat attttatact gacagaaatc agtaatatat atatatttat 660
atttttaaaa tattttatta tttatttatt taagttcata ttccatatat attcaagatg 720
ttttaccgta ataattatta ttaaaaaatat gcttct 756
<210> 2
<211> 144
<212> PRT
<213> Homo sapiens
<400> 2

Met Trp Leu Gln Ser Leu Leu Leu Leu Gly Thr Val Ala Cys Ser Ile
1 5 10 15

2008_Sequence_Listing_20747_280.txt

Ser Ala Pro Ala Arg Ser Pro Ser Pro Ser Thr Gln Pro Trp Glu His
20 25 30

Val Asn Ala Ile Gln Glu Ala Arg Arg Leu Leu Asn Leu Ser Arg Asp
35 40 45

Thr Ala Ala Glu Met Asn Glu Thr Val Glu Val Ile Ser Glu Met Phe
50 55 60

Asp Leu Gln Glu Pro Thr Cys Leu Gln Thr Arg Leu Glu Leu Tyr Lys
65 70 75 80

Gln Gly Leu Arg Gly Ser Leu Thr Lys Leu Lys Gly Pro Leu Thr Met
85 90 95

Met Ala Ser His Tyr Lys Gln His Cys Pro Pro Thr Pro Glu Thr Ser
100 105 110

Cys Ala Thr Gln Ile Ile Thr Phe Glu Ser Phe Lys Glu Asn Leu Lys
115 120 125

Asp Phe Leu Leu Val Ile Pro Phe Asp Cys Trp Glu Pro Val Gln Glu
130 135 140

<210> 3
<211> 19
<212> DNA
<213> Artificial

<220>
<223> IL-10 primer

<400> 3
ctacggcgct gtcacgat

19

<210> 4
<211> 25
<212> DNA
<213> Artificial

<220>
<223> IL-10 primer again

<400> 4
tggagcttat taaaggcatt ctcca

25

<210> 5
<211> 27
<212> DNA
<213> Artificial

2008_Sequence_Listing_20747_280.txt

```

<220>
<223> IL-10 probe

<400> 5
cttccctgtg aaaacaagag caaggcc
27

<210> 6
<211> 20
<212> DNA
<213> Artificial

<220>
<223> BAX primer

<400> 6
catggagctg cagaggatga
20

<210> 7
<211> 21
<212> DNA
<213> Artificial

<220>
<223> BAX primer again

<400> 7
ctgccactcg gaaaaagacc t
21

<210> 8
<211> 22
<212> DNA
<213> Artificial

<220>
<223> BAX probe

<400> 8
tgccgccgtg gacacagact cc
22

<210> 9
<211> 18
<212> DNA
<213> Artificial

<220>
<223> BCL2 primer

<400> 9
ccgggaggcg accgtagt
18

<210> 10
<211> 17
<212> DNA
<213> Artificial

<220>
<223> BCL2 primer again

```

2008_Sequence_Listing_20747_280.txt

| | |
|---|----|
| <400> 10 gggctgcgca ccctttc | 17 |
| <210> 11 <211> 18 <212> DNA <213> Artificial | |
| <220> <223> BCL2 probe | |
| <400> 11 cgccgcgcag gaccagga | 18 |
| <210> 12 <211> 20 <212> DNA <213> Artificial | |
| <220> <223> CD80 primer | |
| <400> 12 tccacgtgac caaggaagtg | 20 |
| <210> 13 <211> 24 <212> DNA <213> Artificial | |
| <220> <223> CD80 primer again | |
| <400> 13 ccagctcttc aacagaaaca ttgt | 24 |
| <210> 14 <211> 25 <212> DNA <213> Artificial | |
| <220> <223> CD80 probe | |
| <400> 14 aagaagtggc aacgctgtcc tgtgg | 25 |
| <210> 15 <211> 19 <212> DNA <213> Artificial | |
| <220> <223> CD86 primer | |
| <400> 15 cagacctgcc atgccaatt | 19 |

2008_Sequence_Listing_20747_280.txt

| | | |
|-------|----------------------------------|----|
| <210> | 16 | |
| <211> | 23 | |
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | CD86 primer again | |
| <400> | 16 | |
| | ttcctggtcc tgccaaaaa cta | 23 |
| <210> | 17 | |
| <211> | 30 | |
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | CD86 probe | |
| <400> | 17 | |
| | caaactctca aaaccaaagc ctgagtgagc | 30 |
| <210> | 18 | |
| <211> | 22 | |
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | COX-1 primer | |
| <400> | 18 | |
| | tgttcgggtg ccagttccaa ta | 22 |
| <210> | 19 | |
| <211> | 23 | |
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | COX-1 primer again | |
| <400> | 19 | |
| | accttgaagg agtcaggcat gag | 23 |
| <210> | 20 | |
| <211> | 22 | |
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | COX-1 probe | |
| <400> | 20 | |
| | cgcaaccgca ttgccatgga gt | 22 |
| <210> | 21 | |
| <211> | 25 | |

2008_Sequence_Listing_20747_280.txt

| | | |
|-------|--------------------------------------|----|
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | COX-2 primer | |
| <400> | 21 | |
| | gtgttgacat ccagatcaca ttgga | 25 |
| <210> | 22 | |
| <211> | 23 | |
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | COX-2 primer again | |
| <400> | 22 | |
| | gagaaggctt cccagctttt gta | 23 |
| <210> | 23 | |
| <211> | 33 | |
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | COX-2 probe | |
| <400> | 23 | |
| | tgacagtcca ccaacttaca atgctgacta tgg | 33 |
| <210> | 24 | |
| <211> | 22 | |
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | EP2 primer | |
| <400> | 24 | |
| | gaccgcttac ctgcagctgt ac | 22 |
| <210> | 25 | |
| <211> | 18 | |
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | EP2 primer again | |
| <400> | 25 | |
| | tgaagttgca ggcgagca | 18 |
| <210> | 26 | |
| <211> | 27 | |
| <212> | DNA | |
| <213> | Artificial | |

2008_Sequence_Listing_20747_280.txt

```

<220>
<223> EP2 probe

<400> 26
ccaccctgct gctgcttctc attgtct
27

<210> 27
<211> 20
<212> DNA
<213> Artificial

<220>
<223> EP4 primer

<400> 27
acgccgccta ctctacatg
20

<210> 28
<211> 19
<212> DNA
<213> Artificial

<220>
<223> EP4 primer again

<400> 28
agaggacggt ggcgagaat
19

<210> 29
<211> 22
<212> DNA
<213> Artificial

<220>
<223> EP4 probe

<400> 29
acgcgggctt cagctccttc ct
22

<210> 30
<211> 21
<212> DNA
<213> Artificial

<220>
<223> PDE4b primer

<400> 30
ccttcagtag caccggaatc a
21

<210> 31
<211> 25
<212> DNA
<213> Artificial

<220>
<223> PDE4b primer again

```

2008_Sequence_Listing_20747_280.txt

| | | |
|-------------------------------|--|----|
| <400> 31 | | |
| caaacaca cacagcatg tagtt | | 25 |
| <210> 32 | | |
| <211> 20 | | |
| <212> DNA | | |
| <213> Artificial | | |
| <220> | | |
| <223> PDE4b probe | | |
| <400> 32 | | |
| agcctgcagc cgctccagcc | | 20 |
| <210> 33 | | |
| <211> 21 | | |
| <212> DNA | | |
| <213> Artificial | | |
| <220> | | |
| <223> Granulysin primer | | |
| <400> 33 | | |
| cagggtgtga aaggcatctc a | | 21 |
| <210> 34 | | |
| <211> 18 | | |
| <212> DNA | | |
| <213> Artificial | | |
| <220> | | |
| <223> Granulysin primer again | | |
| <400> 34 | | |
| ggagcatggc tgcaagga | | 18 |
| <210> 35 | | |
| <211> 18 | | |
| <212> DNA | | |
| <213> Artificial | | |
| <220> | | |
| <223> Granulysin Probe | | |
| <400> 35 | | |
| cggctgcccc accatggc | | 18 |
| <210> 36 | | |
| <211> 18 | | |
| <212> DNA | | |
| <213> Artificial | | |
| <220> | | |
| <223> CD14 primer | | |
| <400> 36 | | |
| gcgctccgag atgcatgt | | 18 |

2008_Sequence_Listing_20747_280.txt

| | | |
|-------|---------------------------|----|
| <210> | 37 | |
| <211> | 18 | |
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | CD14 primer again | |
| <400> | 37 | |
| | agcccagcga acgacaga | 18 |
| <210> | 38 | |
| <211> | 22 | |
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | CD14 probe | |
| <400> | 38 | |
| | tccagcgccc tgaactccct ca | 22 |
| <210> | 39 | |
| <211> | 18 | |
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | E synthase primer | |
| <400> | 39 | |
| | cggaggcccc cagtattg | 18 |
| <210> | 40 | |
| <211> | 23 | |
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | E synthase primer again | |
| <400> | 40 | |
| | gggtagatgg tctccatgtc gtt | 23 |
| <210> | 41 | |
| <211> | 20 | |
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | E synthase probe | |
| <400> | 41 | |
| | cgaccccgac gtggaacgct | 20 |
| <210> | 42 | |
| <211> | 20 | |

2008_Sequence_Listing_20747_280.txt

| | | |
|-------|----------------------------|----|
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | IRAKM primer | |
| <400> | 42 | |
| | cctgcccctcg gaatttctct | 20 |
| <210> | 43 | |
| <211> | 16 | |
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | IRAKM primer again | |
| <400> | 43 | |
| | ctttgccgc gttgca | 16 |
| <210> | 44 | |
| <211> | 22 | |
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | IRAKM probe | |
| <400> | 44 | |
| | cacaccggcc tgccaaacag aa | 22 |
| <210> | 45 | |
| <211> | 22 | |
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | CIITA primer | |
| <400> | 45 | |
| | gctgttggtg gacatggaag gt | 22 |
| <210> | 46 | |
| <211> | 24 | |
| <212> | DNA | |
| <213> | Artificial | |
| <220> | | |
| <223> | CIITA primer again | |
| <400> | 46 | |
| | rtgggagtcg tggaagacat actg | 24 |
| <210> | 47 | |
| <211> | 25 | |
| <212> | DNA | |
| <213> | Artificial | |

2008_Sequence_Listing_20747_280.txt

```

<220>
<223> CIITA probe

<400> 47
ccgcgatatt ggcataagcc tccct                25

<210> 48
<211> 20
<212> DNA
<213> Artificial

<220>
<223> Class II primer

<400> 48
agcccaacgt cctcatctgt                20

<210> 49
<211> 20
<212> DNA
<213> Artificial

<220>
<223> Class II primer again

<400> 49
tcgaagccac gtgacattga                20

<210> 50
<211> 26
<212> DNA
<213> Artificial

<220>
<223> Class II probe

<400> 50
tcatcgacaa gttcaccca ccagtg                26

<210> 51
<211> 20
<212> DNA
<213> Artificial

<220>
<223> TNF alpha primer

<400> 51
ggagaagggt gaccgactca                20

<210> 52
<211> 18
<212> DNA
<213> Artificial

<220>
<223> TNF alpha primer again

```

2008_Sequence_Listing_20747_280.txt

<400> 52
tgcccagact cggcaaag 18

<210> 53
<211> 24
<212> DNA
<213> Artificial

<220>
<223> TNF alpha probe

<400> 53
cgctgagatc aatcggcccg acta 24